

# RF Transformer

# TC1-1-13M-75X+

## Typical Performance Data

FREQUENCY MHz	AVERAGE INSERTION LOSS (dB)	INPUT RETURN LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE (deg.)
4.5	0.31	29.45	1.10	5.08
5.0	0.30	29.98	1.06	4.71
6.0	0.29	30.85	1.00	4.10
8.0	0.27	32.25	0.92	3.18
10.0	0.29	33.14	0.90	2.60
50.0	0.30	35.56	0.88	0.06
90.0	0.33	34.25	0.91	0.23
100.0	0.33	34.00	0.91	0.32
300.0	0.43	26.85	0.90	0.62
500.0	0.55	21.95	0.65	0.81
700.0	0.58	19.24	0.74	2.06
900.0	0.66	17.00	0.66	2.26
1000.0	0.71	16.13	0.61	2.12
1100.0	0.76	15.40	0.54	2.05
1200.0	0.80	14.88	0.44	1.90
1300.0	0.85	14.45	0.37	1.96
1400.0	0.90	14.08	0.31	1.61
1500.0	0.96	13.75	0.21	1.23
1600.0	1.00	13.55	0.11	1.13
1700.0	1.05	13.37	0.05	0.82
1800.0	1.11	13.18	0.01	0.31
1900.0	1.17	12.96	0.13	0.45
2000.0	1.19	12.82	0.30	0.38
2100.0	1.26	12.68	0.25	0.52
2200.0	1.35	12.36	0.26	1.43
2300.0	1.45	11.93	0.32	2.54
2400.0	1.54	11.46	0.41	3.35
2500.0	1.63	10.98	0.47	4.03
2600.0	1.75	10.46	0.51	4.73
2700.0	1.89	9.92	0.52	5.58
2800.0	2.04	9.39	0.53	6.41
2900.0	2.20	8.88	0.51	7.36
3000.0	2.39	8.36	0.49	8.50

